

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081516\
 Data File : BM007133.D
 Acq On : 16 Aug 2016 01:08
 Operator : UM/SJ
 Sample : PB92717BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SBLK17

Quant Time: Aug 16 01:56:56 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM081516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 01:54:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1929	0.40	ng/ul	0.00
2) Naphthalene-d8	10.60	136	6877	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	3775	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.28	188	738338	0.40	ng/ul	0.10
16) Chrysene-d12	21.36	240	7083	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	650280	0.40	ng/ul	-0.15

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.18	152	4013	0.47	ng/ul	0.00
14) Fluoranthene-d10	19.21	212	8533	0.01	ng/ul	0.00

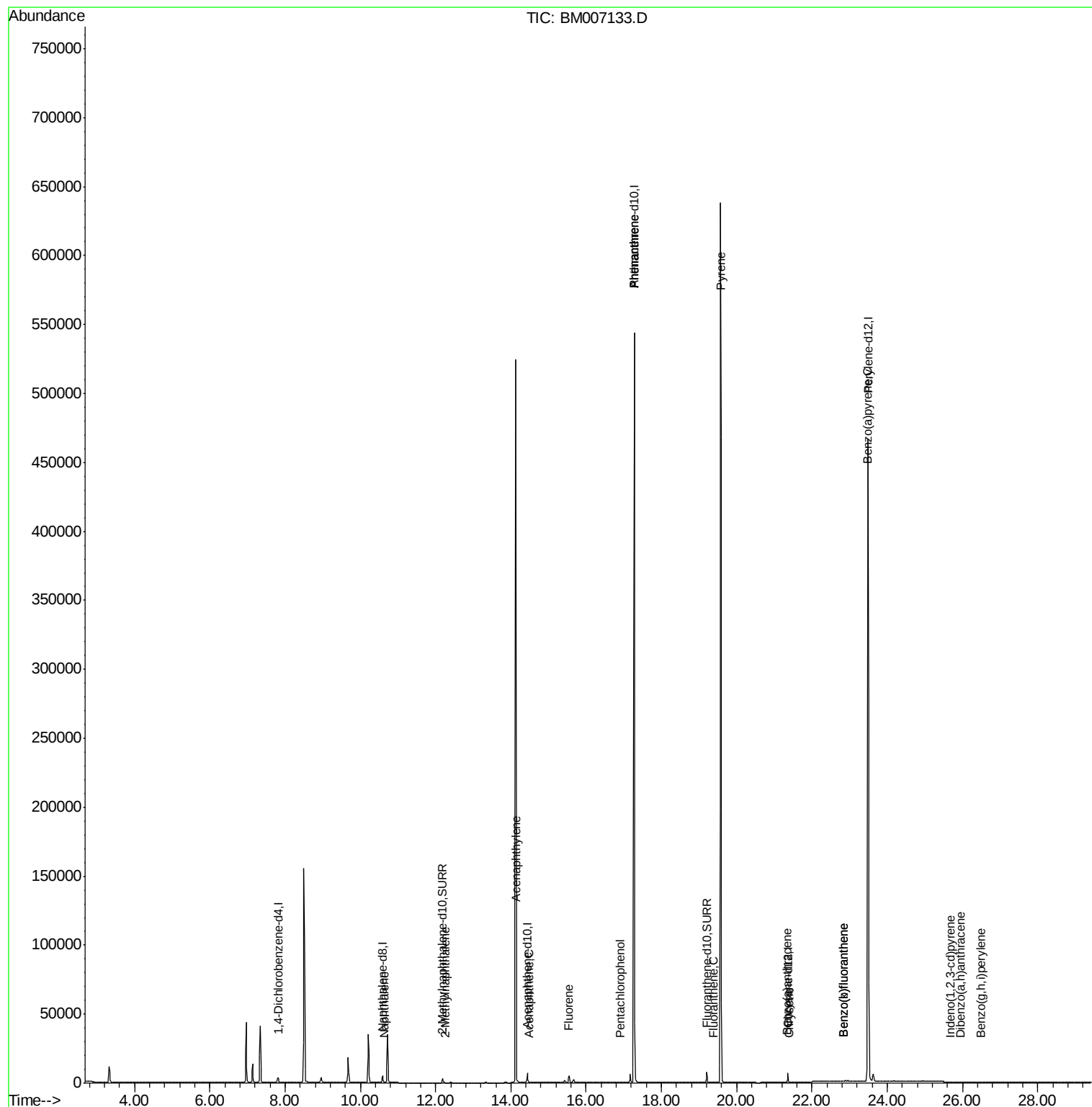
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.65	128	20	0.00	ng/ul#	1
5) 2-Methylnaphthalene	12.26	142	16	0.00	ng/ul	87
7) Acenaphthylene	14.14	152	209	0.01	ng/ul#	1
8) Acenaphthene	14.49	153	31	0.00	ng/ul#	69
9) Fluorene	15.55	166	86	0.01	ng/ul#	1
11) Pentachlorophenol	16.90	266	3	0.00	ng/ul#	20
12) Phenanthrene	17.28	178	492	0.00	ng/ul#	1
13) Anthracene	17.28	178	407	0.00	ng/ul#	1
15) Fluoranthene	19.39	202	56	0.00	ng/ul#	1
17) Pyrene	19.57	202	1413	0.06	ng/ul#	1
18) Benzo(a)anthracene	21.35	228	187	0.01	ng/ul#	18
19) Chrysene	21.39	228	161	0.01	ng/ul#	24
21) Benzo(b)fluoranthene	22.83	252	13	0.00	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	13	0.00	ng/ul#	1
23) Benzo(a)pyrene	23.48	252	3064	0.00	ng/ul#	67
24) Indeno(1,2,3-cd)pyrene	25.68	276	14	0.00	ng/ul#	53
25) Dibenzo(a,h)anthracene	25.94	278	343	0.00	ng/ul#	9
26) Benzo(g,h,i)perylene	26.50	276	4	0.00	ng/ul#	1

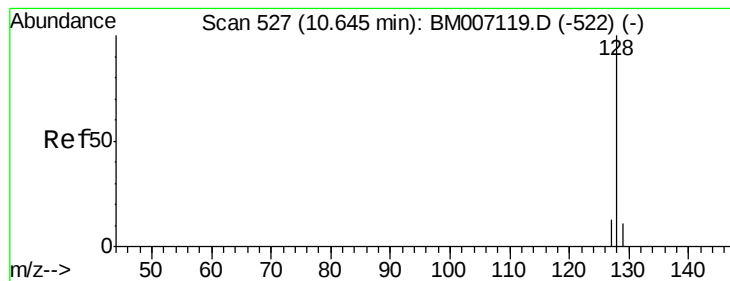
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.00 ng/ul

RT: 10.65 min Scan# 527

Delta R.T. 0.00 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

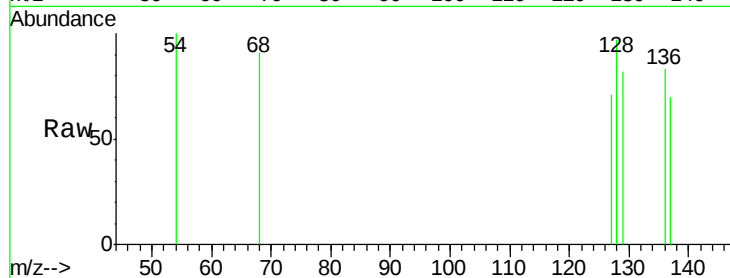
Tgt Ion:128 Resp: 20

Ion Ratio Lower Upper

128 100

129 83.8 9.0 13.6#

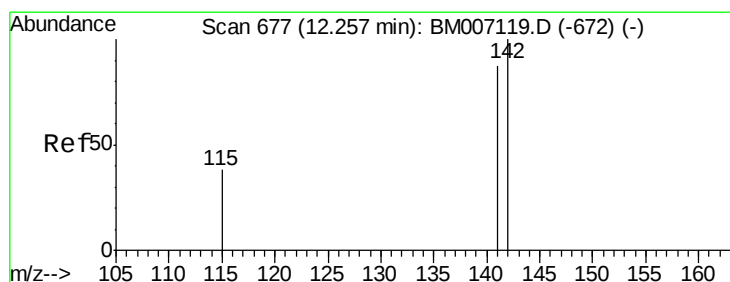
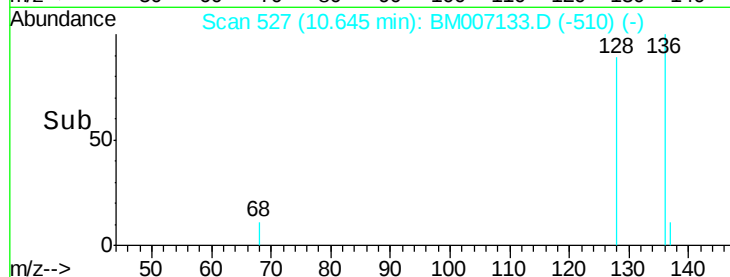
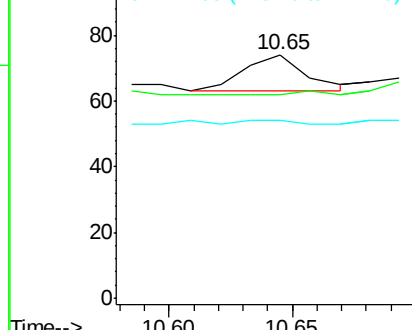
127 73.0 9.6 14.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 0.00 ng/ul

RT: 12.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BM007133.D

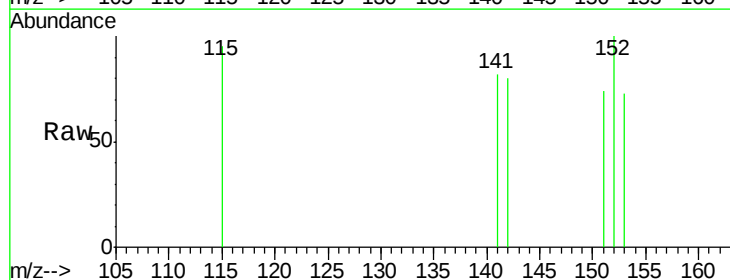
Acq: 16 Aug 2016 01:08

Tgt Ion:142 Resp: 16

Ion Ratio Lower Upper

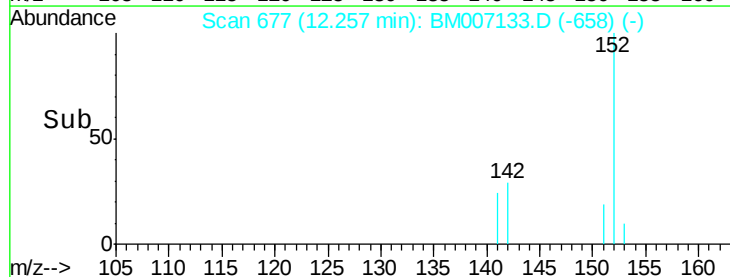
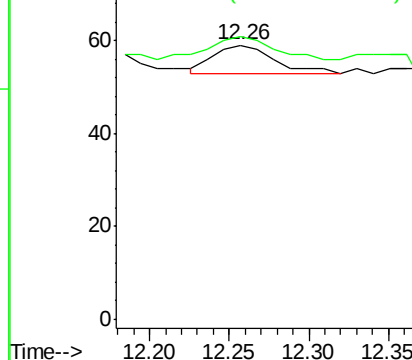
142 100

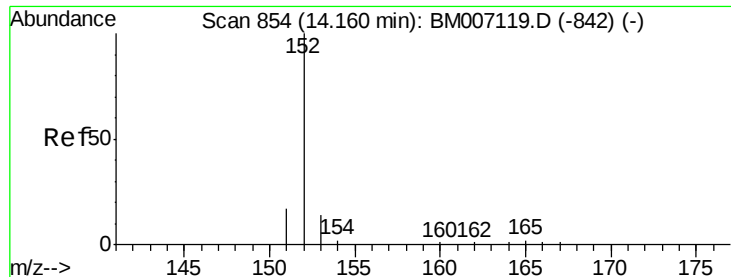
141 100.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.01 ng/ul

RT: 14.14 min Scan# 853

Delta R.T. -0.02 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

Tgt Ion:152 Resp: 209

Ion Ratio Lower Upper

152 100

151 61.1 17.6 26.4#

153 70.4 9.7 14.5#



Abundance Ion 152.00 (151.70 to 152.70): E

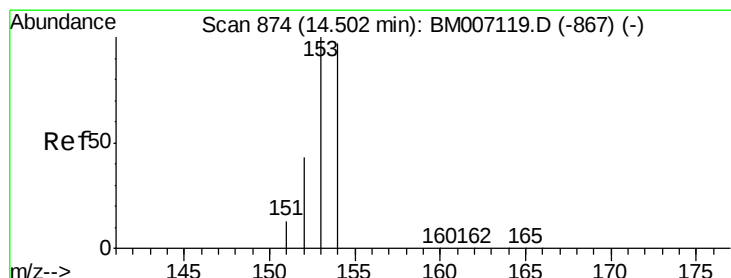
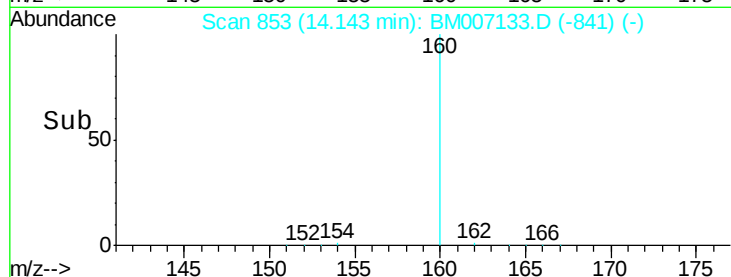
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

14.14

14.00 14.20

Time-->



#8

Acenaphthene

Concen: 0.00 ng/ul

RT: 14.49 min Scan# 873

Delta R.T. -0.02 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

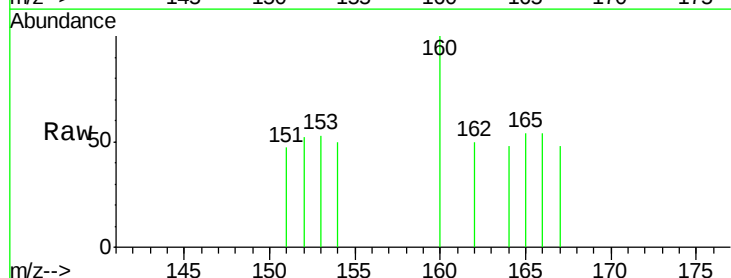
Tgt Ion:153 Resp: 31

Ion Ratio Lower Upper

153 100

152 98.3 33.9 50.9#

154 93.3 80.6 121.0



Abundance Ion 153.00 (152.70 to 153.70): E

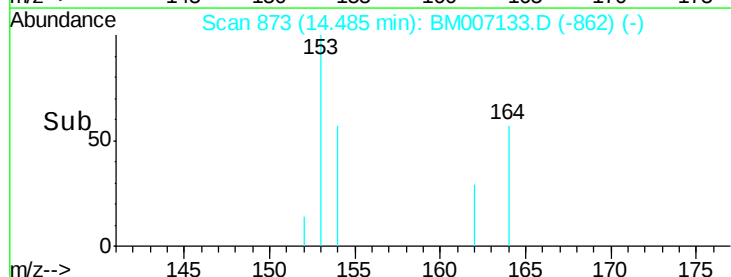
Ion 152.00 (151.70 to 152.70): E

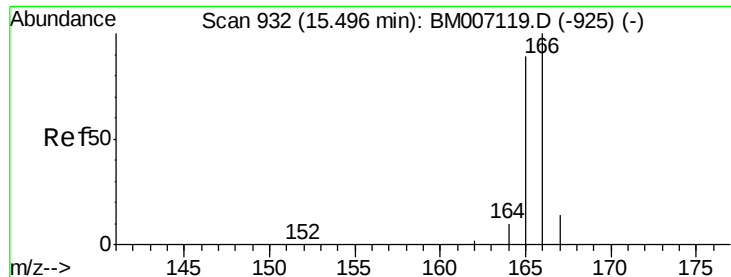
Ion 154.00 (153.70 to 154.70): E

14.49

14.40 14.60

Time-->





#9

Fluorene

Concen: 0.01 ng/ul

RT: 15.55 min Scan# 935

Delta R.T. 0.05 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

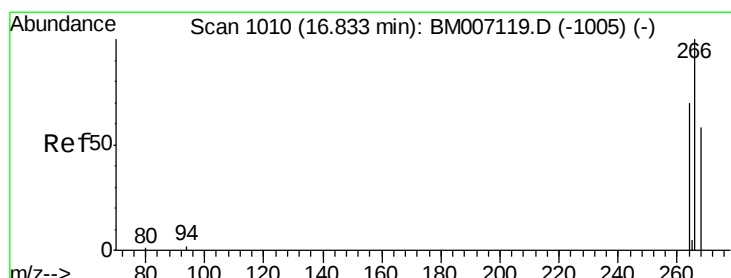
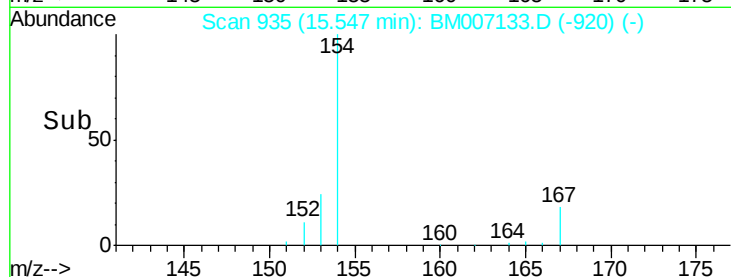
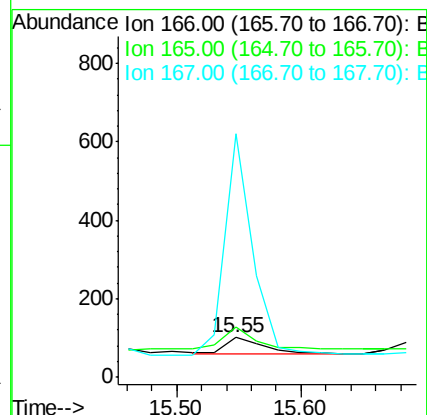
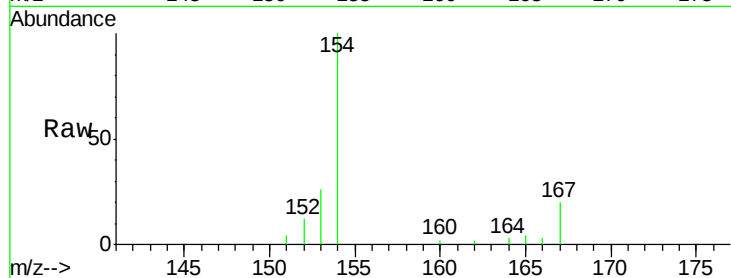
Tgt Ion:166 Resp: 86

Ion Ratio Lower Upper

166 100

165 125.7 69.6 104.4#

167 614.9 11.9 17.9#



#11

Pentachlorophenol

Concen: 0.00 ng/ul

RT: 16.90 min Scan# 1014

Delta R.T. 0.07 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

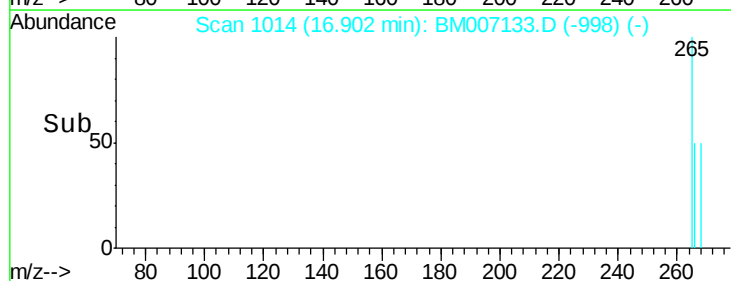
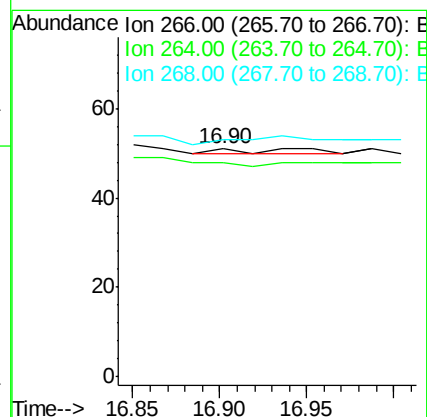
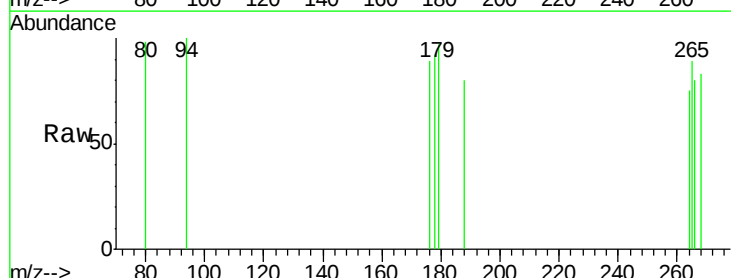
Tgt Ion:266 Resp: 3

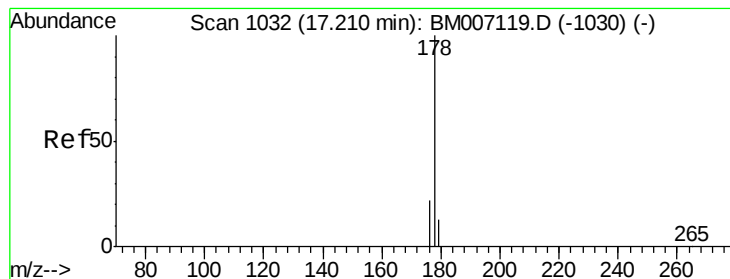
Ion Ratio Lower Upper

266 100

264 0.0 51.8 77.8#

268 0.0 46.8 70.2#





#12

Phenanthrene

Concen: 0.00 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. 0.07 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

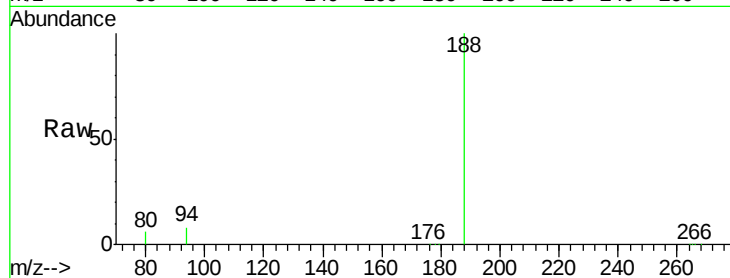
Tgt Ion:178 Resp: 492

Ion Ratio Lower Upper

178 100

176 25.8 13.0 19.4#

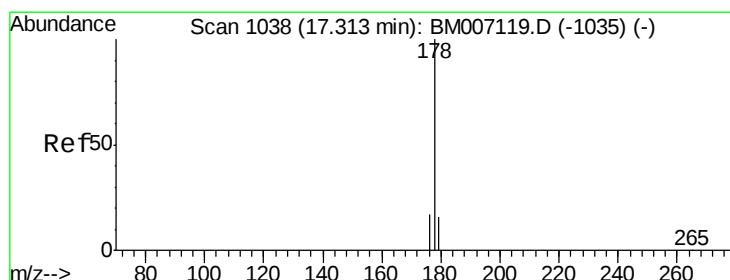
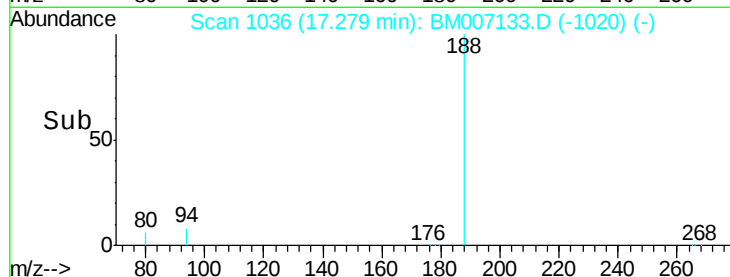
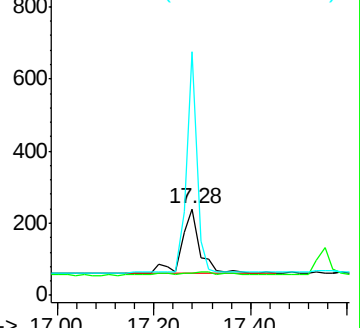
179 281.2 14.2 21.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#13

Anthracene

Concen: 0.00 ng/ul

RT: 17.28 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

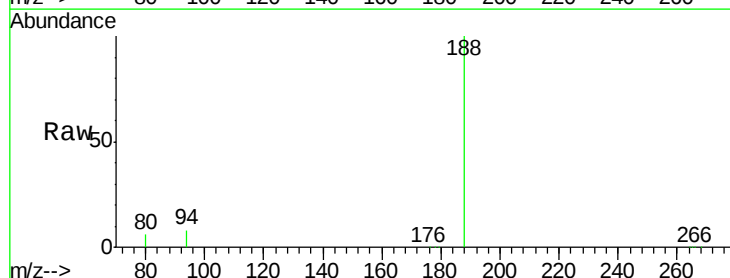
Tgt Ion:178 Resp: 407

Ion Ratio Lower Upper

178 100

176 25.8 14.0 21.0#

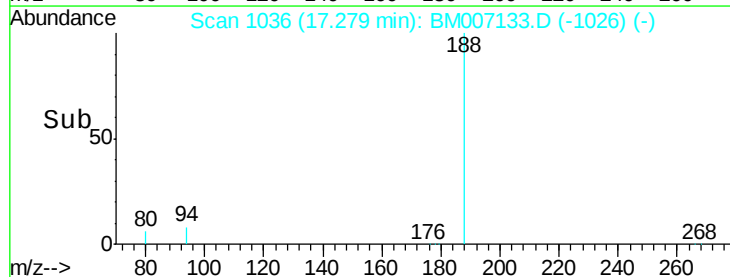
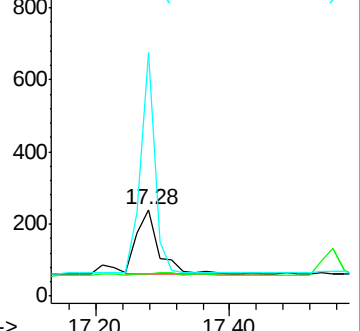
179 281.3 12.9 19.3#

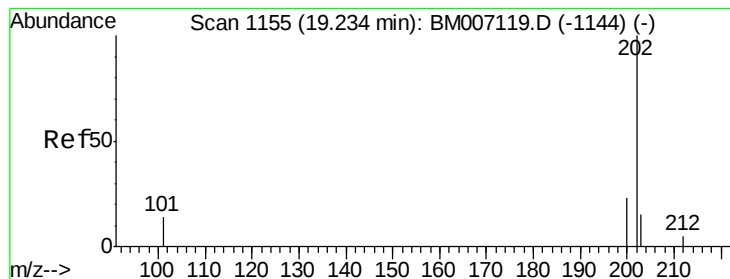


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#15

Fluoranthene

Concen: 0.00 ng/ul

RT: 19.39 min Scan# 1168

Delta R.T. 0.15 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

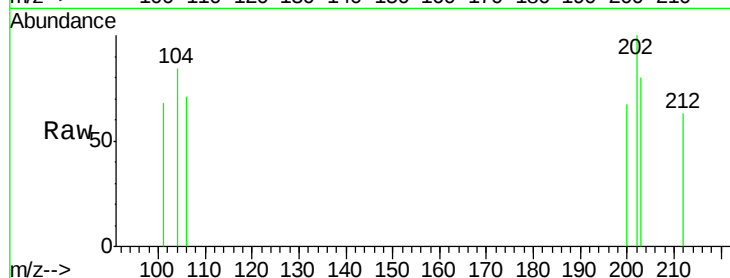
Tgt Ion:202 Resp: 56

Ion Ratio Lower Upper

202 100

101 67.8 0.0 29.6#

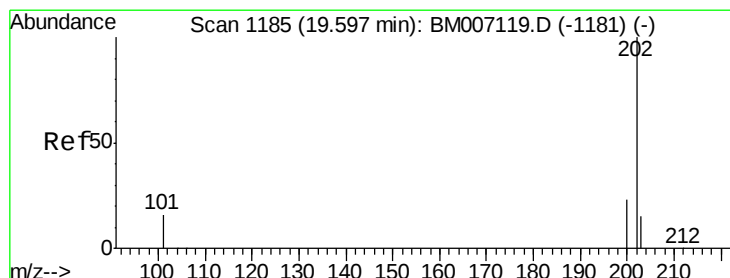
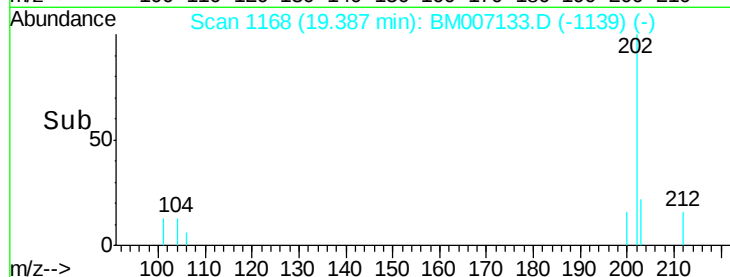
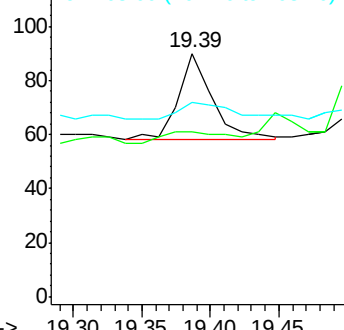
203 80.0 0.0 36.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#17

Pyrene

Concen: 0.06 ng/ul

RT: 19.57 min Scan# 1183

Delta R.T. -0.03 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

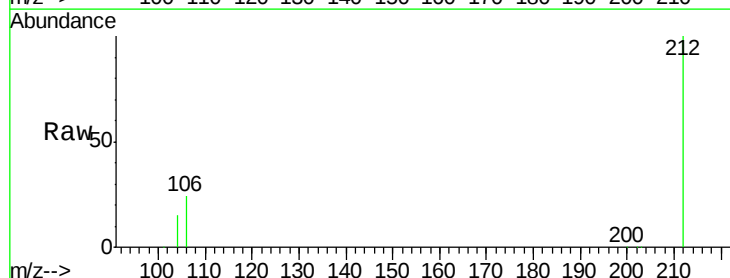
Tgt Ion:202 Resp: 1413

Ion Ratio Lower Upper

202 100

200 8.7 17.8 26.8#

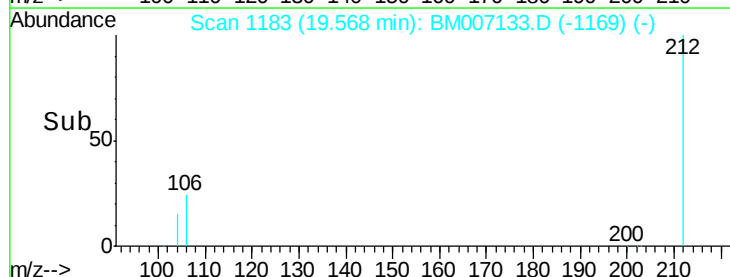
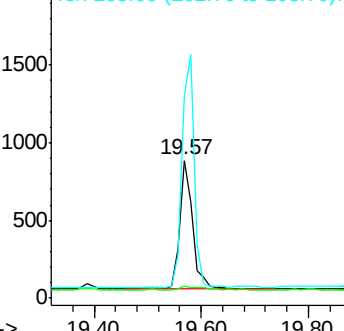
203 146.5 12.8 19.2#

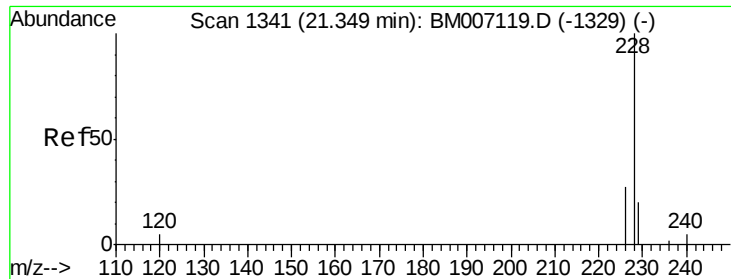


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#18

Benzo(a)anthracene

Concen: 0.01 ng/ul

RT: 21.35 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

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SBLK17

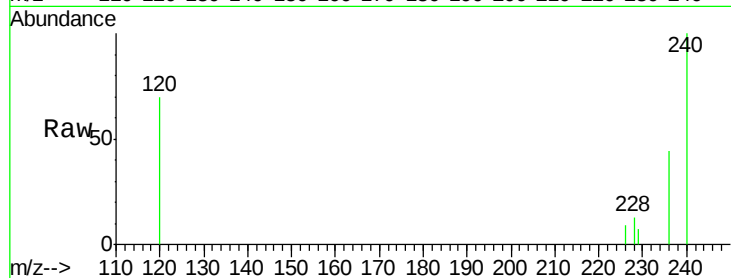
Tgt Ion:228 Resp: 187

Ion Ratio Lower Upper

228 100

226 68.9 18.8 28.2#

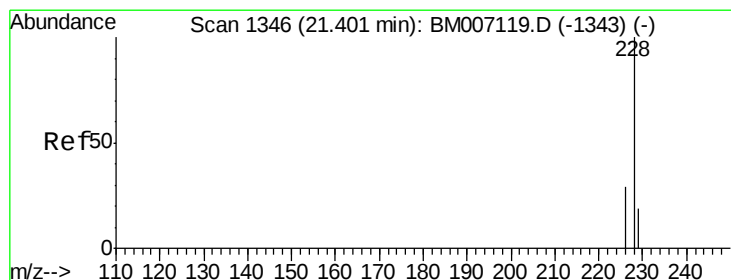
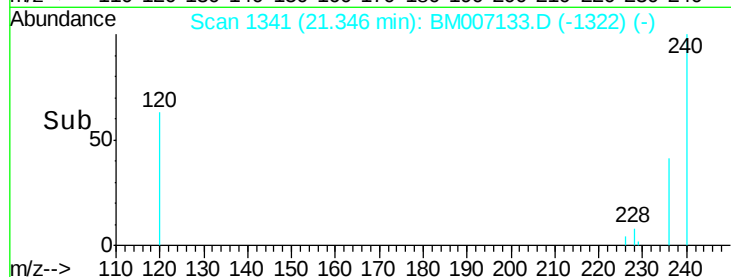
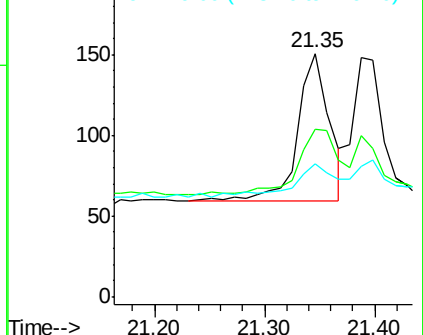
229 54.3 17.1 25.7#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#19

Chrysene

Concen: 0.01 ng/ul

RT: 21.39 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

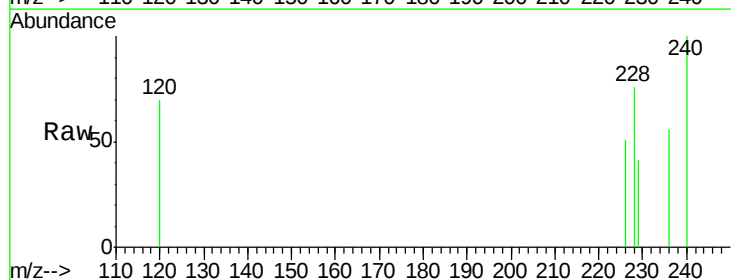
Tgt Ion:228 Resp: 161

Ion Ratio Lower Upper

228 100

226 67.6 21.2 31.8#

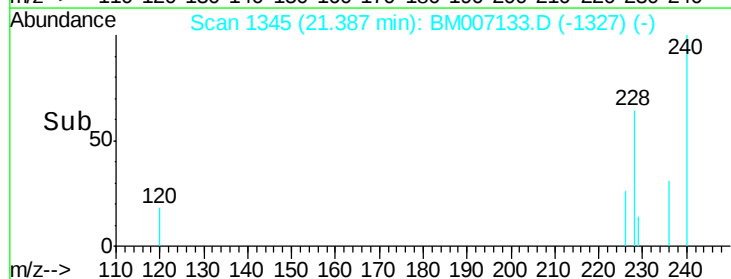
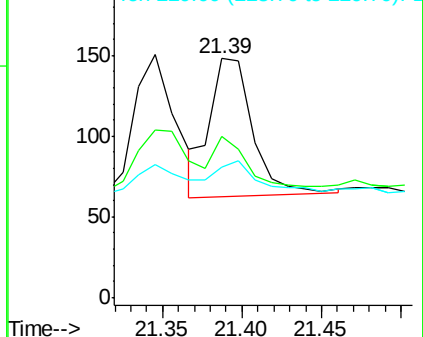
229 54.7 17.0 25.6#

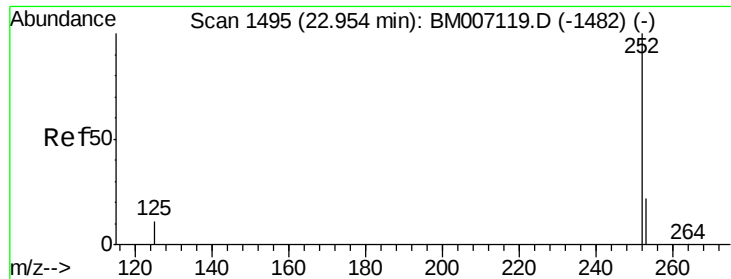


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.00 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.13 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

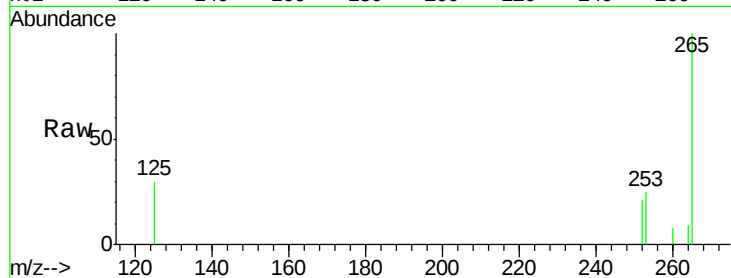
Tgt Ion: 252 Resp: 13

Ion Ratio Lower Upper

252 100

253 122.0 0.0 45.4#

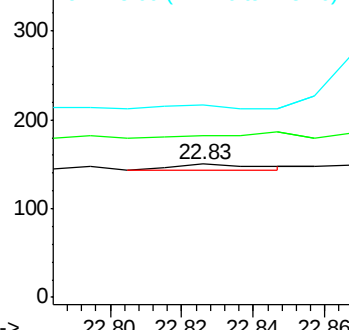
125 144.7 0.0 28.8#



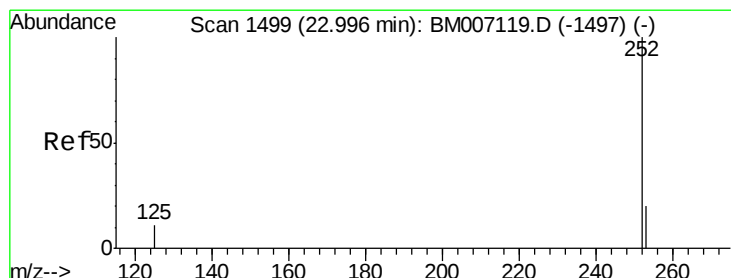
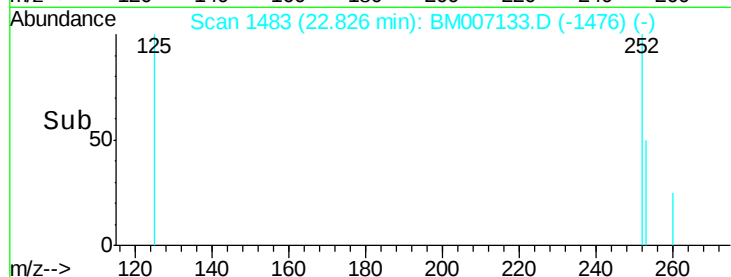
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#22

Benzo(k)fluoranthene

Concen: 0.00 ng/ul

RT: 22.83 min Scan# 1483

Delta R.T. -0.17 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

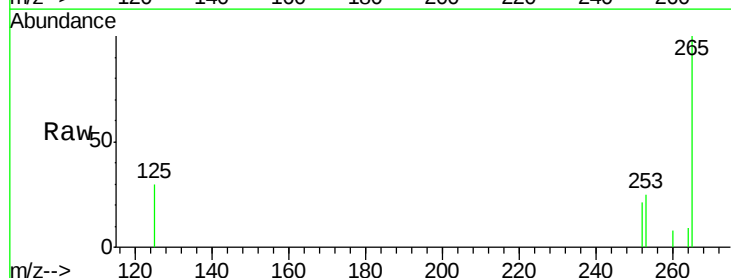
Tgt Ion: 252 Resp: 13

Ion Ratio Lower Upper

252 100

253 122.0 19.8 29.8#

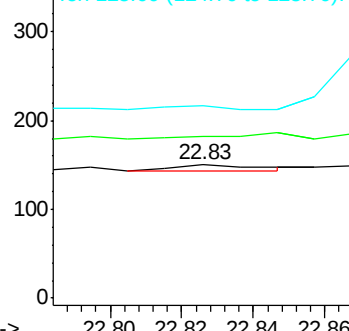
125 144.7 10.4 15.6#



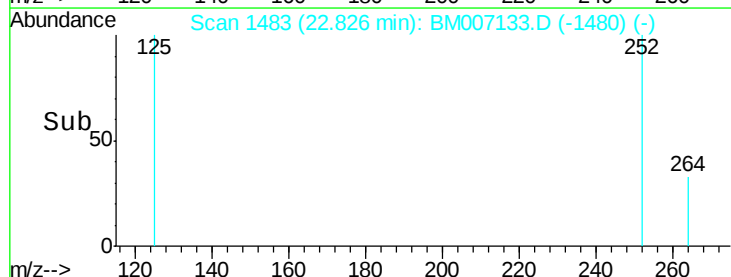
Abundance Ion 252.00 (251.70 to 252.70): E

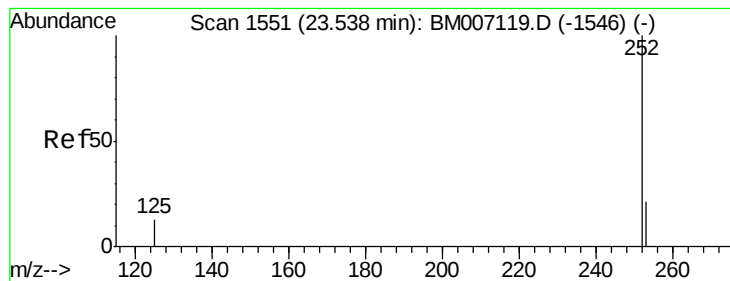
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#23

Benzo(a)pyrene

Concen: 0.00 ng/ul

RT: 23.48 min Scan# 1546

Delta R.T. -0.06 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

Instrument :

BNA_M

ClientSampleId :

SBLK17

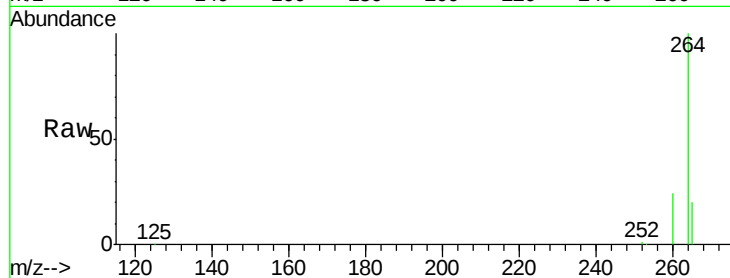
Tgt Ion:252 Resp: 3064

Ion Ratio Lower Upper

252 100

253 36.8 19.4 29.2#

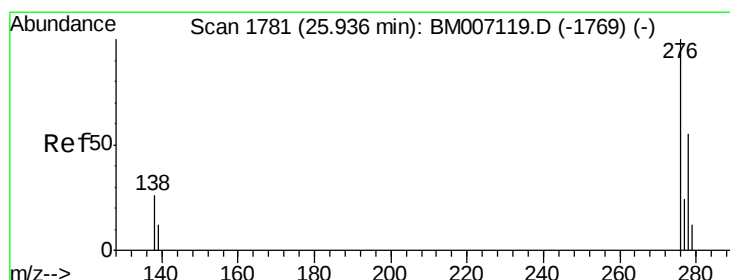
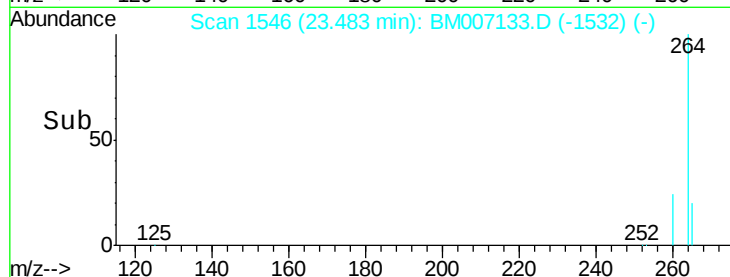
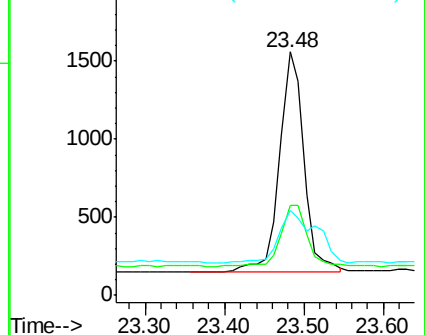
125 34.7 12.7 19.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng/ul

RT: 25.68 min Scan# 1757

Delta R.T. -0.25 min

Lab File: BM007133.D

Acq: 16 Aug 2016 01:08

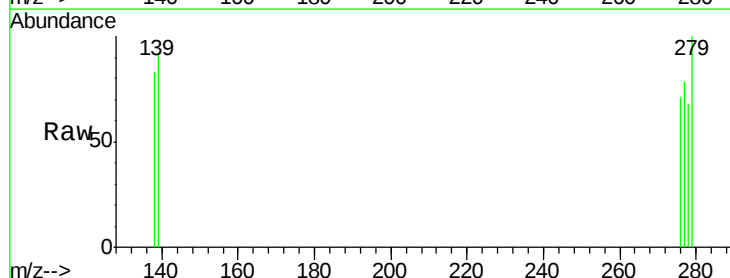
Tgt Ion:276 Resp: 14

Ion Ratio Lower Upper

276 100

138 0.0 16.3 24.5#

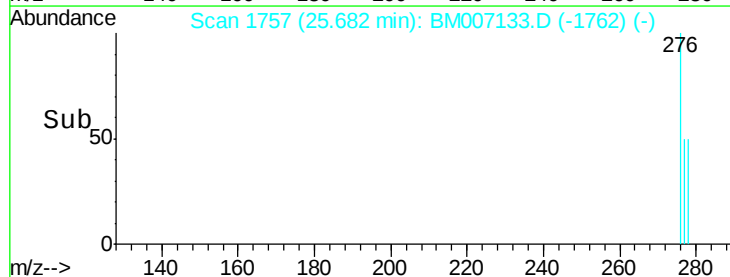
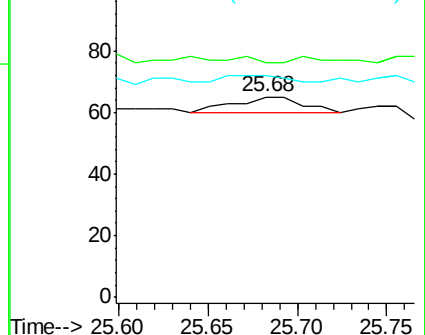
277 0.0 19.8 29.8#

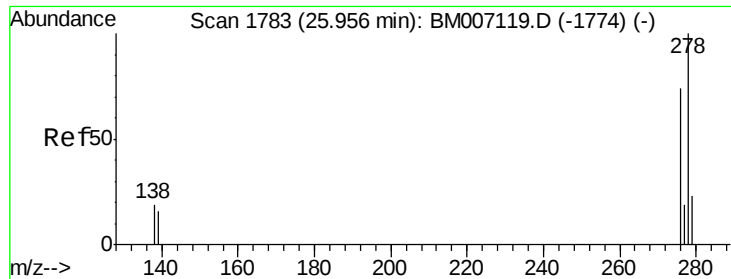


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

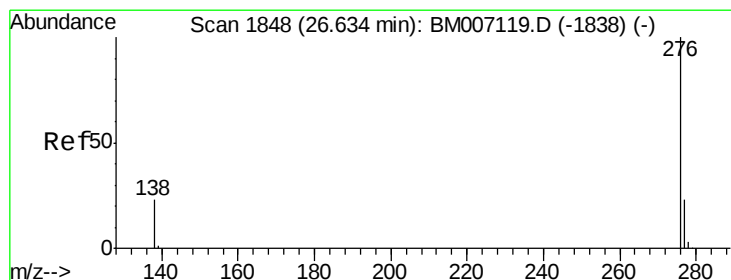
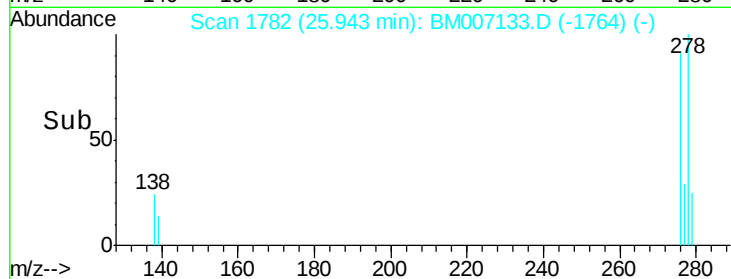
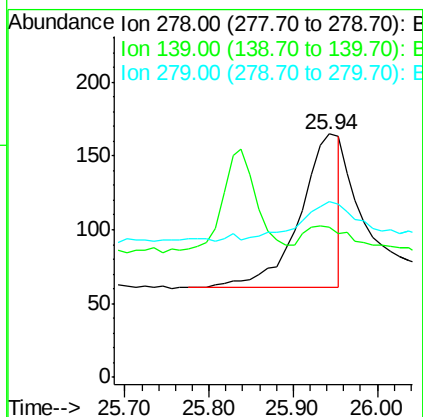
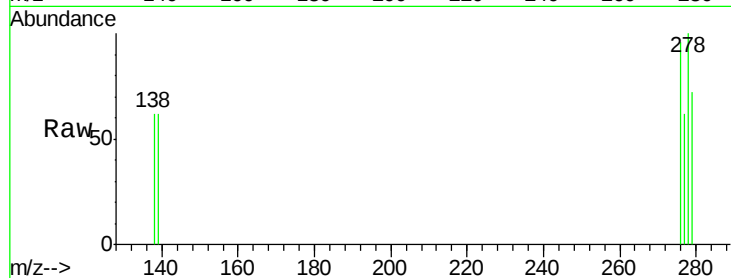




#25
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 25.94 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BM007133.D
Acq: 16 Aug 2016 01:08

Instrument :
BNA_M
ClientSampleId :
SBLK17

Tgt Ion: 278 Resp: 343
Ion Ratio Lower Upper
278 100
139 61.8 16.4 24.6#
279 72.1 20.2 30.2#



#26
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 26.50 min Scan# 1835
Delta R.T. -0.14 min
Lab File: BM007133.D
Acq: 16 Aug 2016 01:08

Tgt Ion: 276 Resp: 4
Ion Ratio Lower Upper
276 100
277 112.7 18.9 28.3#
138 125.4 22.5 33.7#

